ABSTRACT OF THE DISCLOSURE

In order to overcome such inconveniences that, when photo-taking a combination of serial images as in the case of the continuous shooting mode or the panorama joining image pickup mode, these images are stored extending over different directories, in an electronic still camera capable of storing in one directory a predetermined number of image files each of which is formed from data of an image picked up by an image sensor, a desired image pickup mode is selected from among a plurality of kinds of image pickup modes, and, when the selected image pickup mode is a predetermined image pickup mode, an image file is stored in a current directory even if the number of image files stored in the current directory exceeds the predetermined number.